

Title (en)  
Torque Wrench.

Title (de)  
Kraftschrauber.

Title (fr)  
Clé de puissance.

Publication  
**EP 0324050 A1 19890719 (EN)**

Application  
**EP 88106443 A 19880422**

Priority  
US 14457788 A 19880114

Abstract (en)  
A torque tool for tightening and loosening a threaded connector having at least first (13) and second (14) threaded parts turnably connected with one another, comprises a power unit (2), a first engaging unit (4) arranged to engage first part (13) of a threaded connector, a second engaging unit arranged to engage the second part (14) of a threaded connector, the engaging units being formed so that when power is applied by the power unit, one of the engaging unit turns one part of a threaded connector, while the other of the engaging units cooperates with the other part of a threaded connector, thus permitting tightening or loosening a threaded connector

IPC 1-7  
**B25B 21/00**

IPC 8 full level  
**B25B 21/00** (2006.01)

CPC (source: EP)  
**B25B 21/00** (2013.01); **B25B 21/005** (2013.01)

Citation (search report)

- DE 2626923 A1 19771229 - MOCK GERAETEBAU GMBH & CO KG
- DE 3013116 A1 19811008 - WECK MANFRED PROF DR ING [DE]
- DE 3230141 A1 19840216 - DAIMLER BENZ AG [DE]
- GB 161080 A 19210407 - CARL EVENSON

Cited by  
DE4210511A1; EP0563821A1; EP1325794A1; US8499853B2; US6802235B2

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**DE 8807386 U1 19880929**; EP 0324050 A1 19890719; JP H01183375 A 19890721

DOCDB simple family (application)  
**DE 8807386 U 19880607**; EP 88106443 A 19880422; JP 13428788 A 19880531